

^{252}Fm $Z = 100$ $N = 152$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1878.921 (0.005) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-7.154	(0.007)			
252FM	1 0.000	0+			1 25.39 H 4
252FM	2 0.042	2+			2

S-p = 4.984 (0.007)-----
S-n = 7.214 (0.015)-----
S-2p = 8.932 (0.005)-----
S-2n = 13.398 (0.009)-----
S-alpha= -7.154 (0.007)-----

S+p = -2.893 (0.005)
S+n = -5.542 (0.005)
S+2p = -6.671 (0.011)
S+2n = -12.057 (0.006)
S+alpha = 8.582 (0.009)

gap p = 2.091 (0.009)
gap n = 1.671 (0.016)
gap 2p = 2.260 (0.012)
gap 2n = 1.342 (0.011)
gap alpha = 1.428 (0.012)